

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081821\
 Data File : VX023804.D
 Acq On : 18 Aug 2021 09:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda

8/19/2021 5:29:03 PM

Quant Time: Aug 18 13:38:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	198771	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	308652	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	296993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	151719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	133705	48.196	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.400%
35) Dibromofluoromethane	5.391	113	102581	50.214	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.420%
50) Toluene-d8	8.653	98	391626	50.368	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.740%
62) 4-Bromofluorobenzene	11.085	95	153902	53.768	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.540%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	105720	50.411	ug/l	99
3) Chloromethane	1.294	50	107255	46.588	ug/l	99
4) Vinyl Chloride	1.374	62	107271	47.775	ug/l	99
5) Bromomethane	1.599	94	67261	47.646	ug/l	100
6) Chloroethane	1.678	64	69845	42.108	ug/l	99
7) Trichlorofluoromethane	1.880	101	176621	49.812	ug/l	97
8) Diethyl Ether	2.136	74	62069	50.127	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.325	101	100362	50.301	ug/l	97
10) Methyl Iodide	2.453	142	139885	50.352	ug/l	95
11) Tert butyl alcohol	2.983	59	140913	251.167	ug/l	98
12) 1,1-Dichloroethene	2.319	96	92382	48.428	ug/l	98
13) Acrolein	2.239	56	78956	236.493	ug/l	97
14) Allyl chloride	2.666	41	171504	48.785	ug/l	91
15) Acrylonitrile	3.075	53	310083	248.059	ug/l	98
16) Acetone	2.392	43	318430	256.710	ug/l	92
17) Carbon Disulfide	2.514	76	223175	49.053	ug/l	100
18) Methyl Acetate	2.709	43	149788	48.372	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	342199	51.542	ug/l	99
20) Methylene Chloride	2.794	84	108842	45.937	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	99591	48.877	ug/l	96
22) Diisopropyl ether	3.770	45	347530	49.634	ug/l	97
23) Vinyl Acetate	3.733	43	1459333	257.646	ug/l #	94
24) 1,1-Dichloroethane	3.611	63	189289	48.576	ug/l	98
25) 2-Butanone	4.568	43	484068	257.647	ug/l	93
26) 2,2-Dichloropropane	4.483	77	161227	50.411	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	118885	49.034	ug/l	97
28) Bromochloromethane	4.910	49	86375	48.749	ug/l	94
29) Tetrahydrofuran	5.013	42	301076	247.400	ug/l	88
30) Chloroform	5.099	83	199098	48.254	ug/l	99
31) Cyclohexane	5.477	56	173654	48.722	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	172986	48.962	ug/l	97
36) 1,1-Dichloropropene	5.702	75	146145	51.129	ug/l	99
37) Ethyl Acetate	4.727	43	175419	49.926	ug/l #	94
38) Carbon Tetrachloride	5.684	117	153111	51.369	ug/l	99
39) Methylcyclohexane	7.385	83	185059	53.173	ug/l	97
40) Benzene	6.044	78	421772	49.902	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	95548	50.164	ug/l	91
42) 1,2-Dichloroethane	6.092	62	171845	51.732	ug/l	95
43) Isopropyl Acetate	6.348	43	282403	51.385	ug/l	92
44) Trichloroethene	7.129	130	115636	49.527	ug/l	100
45) 1,2-Dichloropropane	7.434	63	112749	50.237	ug/l	97
46) Dibromomethane	7.586	93	79333	50.794	ug/l	98
47) Bromodichloromethane	7.824	83	144944	51.299	ug/l	97
48) Methyl methacrylate	7.696	41	140091	52.253	ug/l	85
49) 1,4-Dioxane	7.665	88	60862	1074.122	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	951263	267.765	ug/l	90
52) Toluene	8.720	92	276787	50.538	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	173440	47.629	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	181672	53.063	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	116386	51.617	ug/l	98
56) Ethyl methacrylate	9.122	69	191531	49.717	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	193194	51.659	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	501982	276.476	ug/l	96
59) 2-Hexanone	9.433	43	763464	279.575	ug/l	87
60) Dibromochloromethane	9.525	129	119635	48.107	ug/l	100
61) 1,2-Dibromoethane	9.610	107	125182	52.553	ug/l	99
64) Tetrachloroethene	9.275	164	118083	49.780	ug/l	93
65) Chlorobenzene	10.079	112	312222	50.379	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	112993	51.226	ug/l	99
67) Ethyl Benzene	10.195	91	554458	51.233	ug/l	100
68) m/p-Xylenes	10.305	106	432062	104.815	ug/l	99
69) o-Xylene	10.646	106	212100	52.359	ug/l	100
70) Styrene	10.659	104	356957	54.090	ug/l	98
71) Bromoform	10.805	173	86661	48.414	ug/l #	98
73) Isopropylbenzene	10.963	105	560036	48.394	ug/l	99
74) N-amyl acetate	10.848	43	262906	50.271	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	180686	47.642	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	171585m	48.481	ug/l	
77) Bromobenzene	11.201	156	139889	49.079	ug/l	97
78) n-propylbenzene	11.305	91	661997	50.015	ug/l	99
79) 2-Chlorotoluene	11.366	91	393226	49.153	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	477145	50.173	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	60954	50.661	ug/l	90
82) 4-Chlorotoluene	11.457	91	458555	50.498	ug/l	100
83) tert-Butylbenzene	11.719	119	459037	49.699	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	478646	50.478	ug/l	99
85) sec-Butylbenzene	11.896	105	605586	51.787	ug/l	100
86) p-Isopropyltoluene	12.012	119	504414	52.411	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	259276	50.279	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	255389	49.656	ug/l	99
89) n-Butylbenzene	12.335	91	454047	52.838	ug/l	97
90) Hexachloroethane	12.542	117	78532	46.905	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	244880	49.017	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	39139	44.273	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	152598	50.752	ug/l	99
94) Hexachlorobutadiene	13.725	225	67709	50.524	ug/l	99
95) Naphthalene	13.780	128	520561	46.988	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	153584	51.289	ug/l	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

